AMENDMENTS TO THE SPECIFICATION

Please replace the title of the application with the following:

COMPUTER BASED TEST ITEM GENERATION

On page 1 prior to the heading BACKGROUND OF THE INVENTION, please

insert the following:

This specification incorporates by reference, in their entirety, Copy 1 and Copy 2

of the computer program listing appendix, which were created on November 26, 2003. Each of

Copy 1 and Copy 2 include the following files: TCA.vbp, AXProlog.vbp, Common.bas,

Main.bas, modUtil.bas, MTAPI.BAS, MTDeclaration.bas, MTUtil.bas, Timer.bas,

Constraint.frm, EditConstraint.frm, Form1.frm, frmAbout.frm, frmAttributes.frm,

frmComments.frm, frmDifficulty.frm, frmDrag.frm, frmIED.frm, frmIndexedString.frm,

frmNew.frm, frmNewModel.frm, frmProgram.frm, frmProgress.frm, frmProlog.frm,

frmSplash.frm, SetPrecision.frm, String.frm, TCA.FRM, Variable.frm, Application.cls,

CClones.cls, CConstraints.cls, Checksum.cls, Clone.cls, CModels.cls, Constraint.cls,

ConstraintSolver.cls, CVariables.cls, CVariants.cls, DifficultyEstimate.cls, DocStatus.cls,

DSMODEL.CLS, Family.cls, File.cls, FileFind.cls, GMATDifficultyEstimate.cls,

GREDifficultyEstimate.cls, IniFile.cls, LockedItem.cls, Model.cls, PrintModel.cls, Progress.cls,

Prolog.cls, PSMODEL.cls, QCModel.cls, StringSolver.cls, StringSolverx.cls, SubString.cls,

Value.cls, VarFraction.cls, Variable.cls, VarInteger.cls, VarReal.cls, VarString.cls,

VarUntyped.cls, Win32API.cls, Word.cls, HLP4lib.p4, PrlgExpr.l, PrlgExpr.y, and hlP4API.h.

The files comprising the Prolog source code appendix have been concatenated

into a single file of 251 kilobytes. The date of creation of the files comprising the Prolog source

code appendix is prior to September 1, 2000. The files comprising the VB source code appendix

A1

have been concatenated into a single file of 847 kilobytes. The date of creation of the files comprising the VB source code appendix is prior to September 1, 2000.

Please replace page 9, first paragraph with the following:

A2

The computer system of the present invention was designed so that people could use it at home as well as on currently available desktops at work or notebooks. One preferred embodiment works with ~~Microsoft® Windows~~ the MICROSOFT WINDOWS® 95, 98 or NT operating systems. This embodiment requires ~~Microsoft®~~ the MICROSOFT WORD® 97 word processing application, PROLOG IV and a Control Language Program called TCL 7.6, which is available on the Internet ~~at http://www.scripties.com~~. See the Source Code Appendix for further details about this embodiment. The present invention is not limited to the foregoing operating systems, programming languages and/or software applications, etc. For example, an extensible markup language editor could be used in place of ~~Microsoft®~~ MICROSOFT WORD®.

Please replace page 10, first paragraph with the following:

A3

PROLOG IV is distributed by PrologIA, Parc Technologique de Luminary – Case 919, 13288 Marseille cedex 09, France. ~~Further information about PROLOG IV can currently be found at http://prologianet.univ-mrs.fr~~. PROLOG IV is a programming environment.

Please replace page 10, third paragraph with the following:

A4

The initial window is subdivided into several work areas. One important area is the ~~Microsoft® Word~~ MICROSOFT WORD® area, which occupies most of the left side of the initial window. Also important are the three tabbed areas: "Family Overview"; "Model Workshop"; and "Generate Variants" and the two pull down menus: "File" and "Help". FIG. 1.

Please replace page 13, third paragraph with the following:

In the left part of the window in FIG. 5 appears the ~~Microsoft Word~~ MICROSOFT WORD® document window with titles: "TCA Standard Multiple Choice Model", "reserved for variants", "stem", and "key". (Also present but not shown are the distractor titles and scratch pad, which can be seen in FIG. 6.) The first title will depend on the item type that the user chooses in the "New family properties" dialog box, see for example FIG. 3. The TCA Standard Multiple Choice Model Word template as printed out is shown in FIG. 6. When the user chooses Quantitative comparison, see FIG. 89, the result shown in FIG. 90 is the TCA Quantitative Comparison Model (see also FIG. 91), if Data Sufficiency is chosen the result shown in FIG. 103 is the TCA Data Sufficiency Model (see also FIG. 105).

Please replace page 33, second paragraph with the following:

To begin working with the new model "NEWMC$RA.doc" click on the name and the model will appear in ~~Word®~~ the MICROSOFT WORD® window. FIG. 58. Click on "Set Attributes" button in FIG. 58 brings up the "Family Attributes" dialog box. FIG. 59. The user has the option of choosing either "Generic" or "Non-generic". Variants are considered "generic variants" if they are very familiar in terms of structure and content, otherwise variants are called "non-generic variants". The user also has the option of choosing the "Variant proximity". As can be seen in FIG. 60 the proximity can be "Near", "Medium" or "Far". Clicking "OK" after making the appropriate selection in the "Family Attributes" box associates the selections with the model.

Please replace page 38, third paragraph with the following:

To print a model without constraints click on the "Family Overview" tab and select a model, for example NEWMC$R.doc. In the ~~Microsoft®~~ MICROSOFT WORD® window entitled "NEWMC$R.doc", select File and Print or just click on print button. The result is a print out of model "NEWMC$R.doc" without constraints. See FIG. 83.

Please replace page 39, third paragraph with the following:

In the ~~Microsoft®~~ MICROSOFT WORD® document appears the title "TCA Quantitative Comparison Model"; there are also sections entitled "reserved for variants", "stem", "column A", and "column B". In the right part of the window you will see "Family Overview" tab highlighted. In "Family members" you will see an icon with a sun and the name of the chosen variant, "NEWQC", next to it. The variant family name will have an extension "$R.doc". The "sun" icon again indicates that the model is active. In the "Family members" window appear two highlighted buttons: "Extend" and "Remove". These buttons enable the user to extend or remove the variant family, respectively. At the bottom of the "ETS Test Creation Assistant" window, you will see a toolbar with following titles: "Program –GRE", "Family – NEWQC$R.doc", "Attributes – QC", "Non generic", "Near", "Active Model" . . . "NEWQC$R.doc". FIG. 90.